

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E11361

Employer : WA State Dept. of Ecology

Worksite : Dept. of Ecology -
Headquarters

Street : 300 Desmond Dr SE

Jurisdiction : City of Lacey

Survey Date : 5/1/2013

Survey Type : Online

Response Rate : 76%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 69.8%
One-Way VMT per employee : 10.5

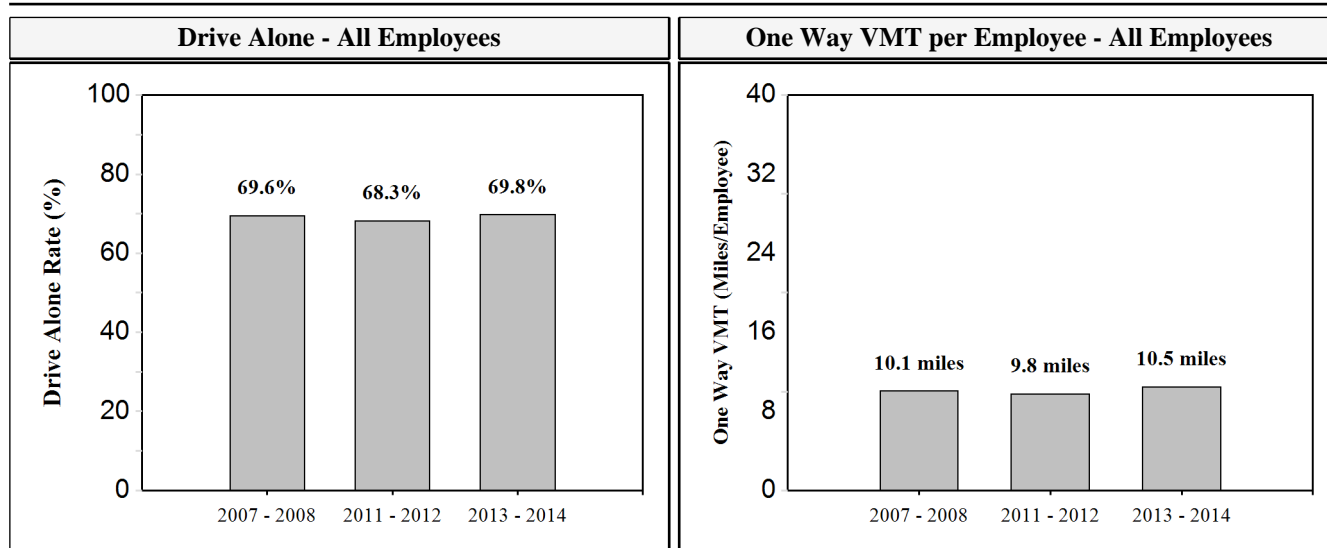
Reported Total Employees at Worksite: 886

Surveys Distributed : 866

Surveys Returned : 658

Surveys Returned by CTR Affected Employees : 595

Total Estimated CTR - Affected Employees at Worksite : 783



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	69.6%	69.5%	10.1	10.2
2009 - 2010	68.8%	68.4%	10.6	10.6
2011 - 2012	68.3%	68.4%	9.8	9.7
2013 - 2014	69.8%	70.0%	10.5	10.3
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	0.3%	0.7%	4.0%	1.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2013 - 2014
Drive Alone - All Employees*	69.6%	68.3%	69.8%
Drive Alone - CTR Affected Employees*	69.5%	68.4%	70.0%
VMT/Employee - All Employees	10.1	9.8	10.5
VMT/Employees - CTR Affected Employees	10.2	9.7	10.3

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	1,530	1,386	1,398
Estimated Emissions for Total Employment	2,202	1,901	1,883

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	92,300	26,066	42,953
Bus Annual Passenger Miles - Surveyed Employees	64,100	19,000	31,900
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	27,334
Ferry Annual Passenger Miles - Surveyed Employees	0	0	20,300
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

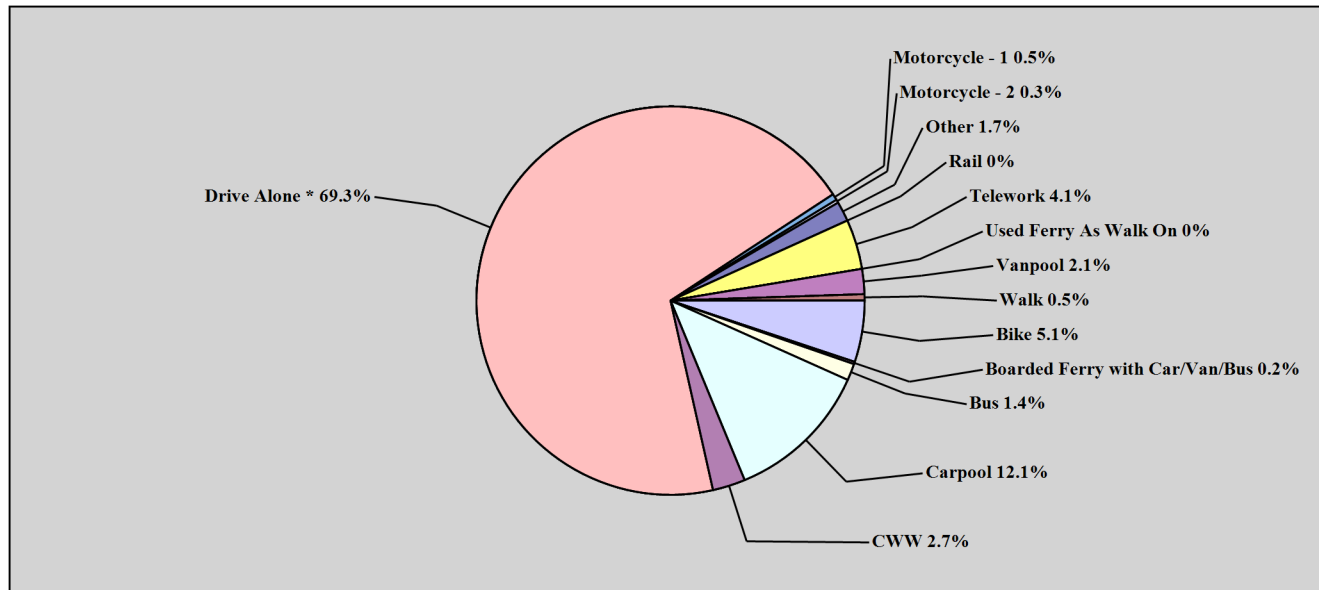
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.4 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



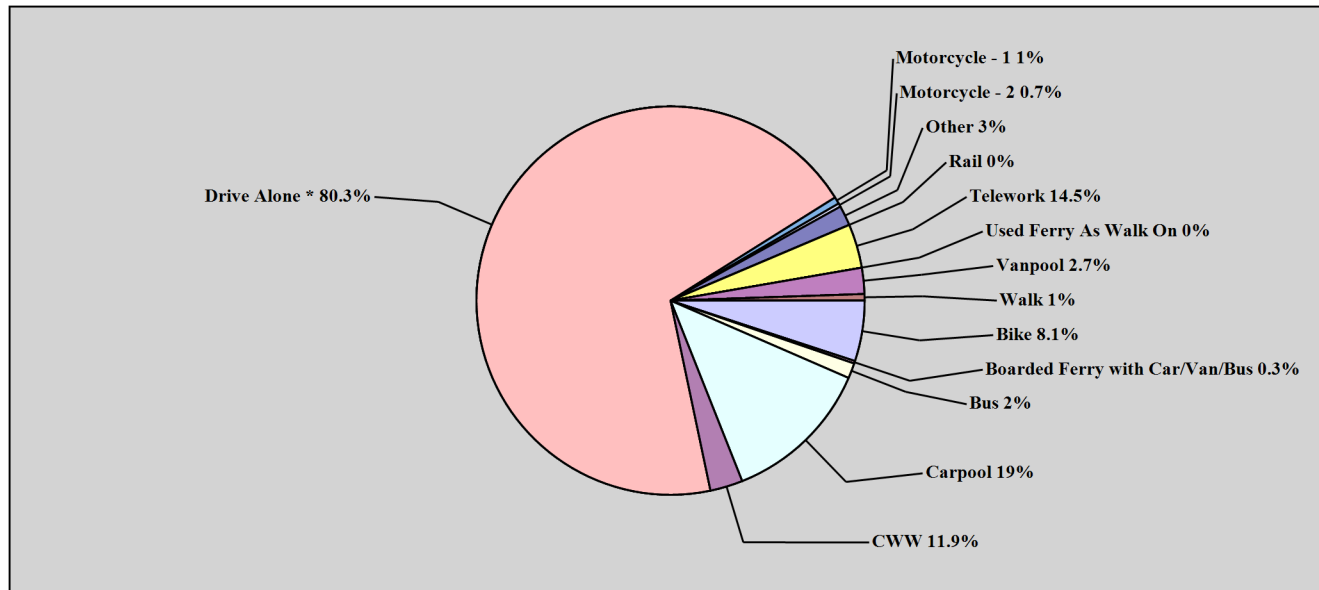
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,090	69.3%	67.4%	525	79.8%	83.0%
Carpool	364	12.1%	12.4%	120	18.2%	20.8%
Vanpool	63	2.1%	2.1%	18	2.7%	3.2%
Motorcycle - 1	16	0.5%	0.8%	6	0.9%	1.5%
Motorcycle - 2	8	0.3%	0.2%	4	0.6%	0.4%
Bus	42	1.4%	1.0%	14	2.1%	1.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	154	5.1%	8.3%	54	8.2%	13.3%
Walk	16	0.5%	0.6%	7	1.1%	1.3%
Telework	125	4.1%	3.9%	101	15.4%	15.1%
CWW	82	2.7%	2.3%	77	11.7%	10.3%
Boarded Ferry with Car/Van/Bus	6	0.2%	0.0%	2	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	50	1.7%	1.1%	20	3.0%	2.5%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,915	69.4%	67.4%	478	80.3%	83.7%
Carpool	344	12.5%	12.6%	113	19.0%	21.4%
Vanpool	60	2.2%	2.2%	16	2.7%	3.5%
Motorcycle - 1	16	0.6%	0.9%	6	1.0%	1.6%
Motorcycle - 2	8	0.3%	0.2%	4	0.7%	0.5%
Bus	35	1.3%	1.0%	12	2.0%	2.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	139	5.0%	8.2%	48	8.1%	13.3%
Walk	15	0.5%	0.6%	6	1.0%	1.5%
Telework	101	3.7%	3.5%	86	14.5%	14.3%
CWW	75	2.7%	2.3%	71	11.9%	10.9%
Boarded Ferry with Car/Van/Bus	6	0.2%	0.0%	2	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	46	1.7%	1.0%	18	3.0%	2.3%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	325	49%	658	100%
1 Days	126	19%	333	51%
2 Days	48	7%	207	31%
3 Days	36	5%	159	24%
4 Days	41	6%	123	19%
5 Days	79	12%	82	12%
6 or More Days	3	0%	3	0%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	211	46.4%	114	25.1%	8	1.8%	46	10.1%	0	0%	10	2.2%	21	4.6%	3	0.7%	98	21.5%
4 days a week (4/10s)	2	2.8%	47	66.2%	0	0%	10	14.1%	0	0%	0	0%	3	4.2%	0	0%	16	22.5%
3 days a week	0	0%	4	66.7%	0	0%	0	0%	0	0%	0	0%	1	16.7%	0	0%	1	16.7%
9 days in 2 weeks (9/80)	20	19.8%	39	38.6%	1	1%	15	14.9%	0	0%	4	4%	6	5.9%	3	3%	32	31.7%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	8.3%	4	33.3%	0	0%	2	16.7%	0	0%	0	0%	0	0%	1	8.3%	6	50%

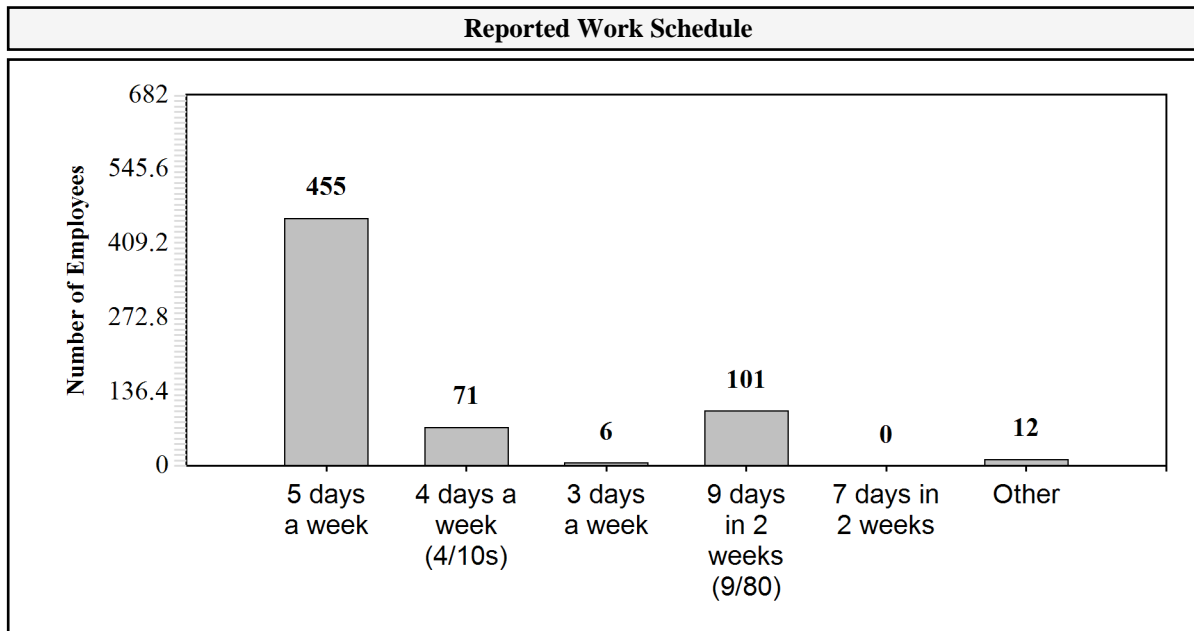
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	16
2	Motorcycle	8
2	Carpool	347
3	Carpool	11
4	Carpool	3
5	Carpool	2
>5	Carpool	1
<5	Vanpool	19
5	Vanpool	1
6	Vanpool	3
7	Vanpool	4
8	Vanpool	0
9	Vanpool	6
10	Vanpool	16
11	Vanpool	5
12	Vanpool	4
13	Vanpool	0
14	Vanpool	0
15	Vanpool	5

Reported Work Schedule - All Employees

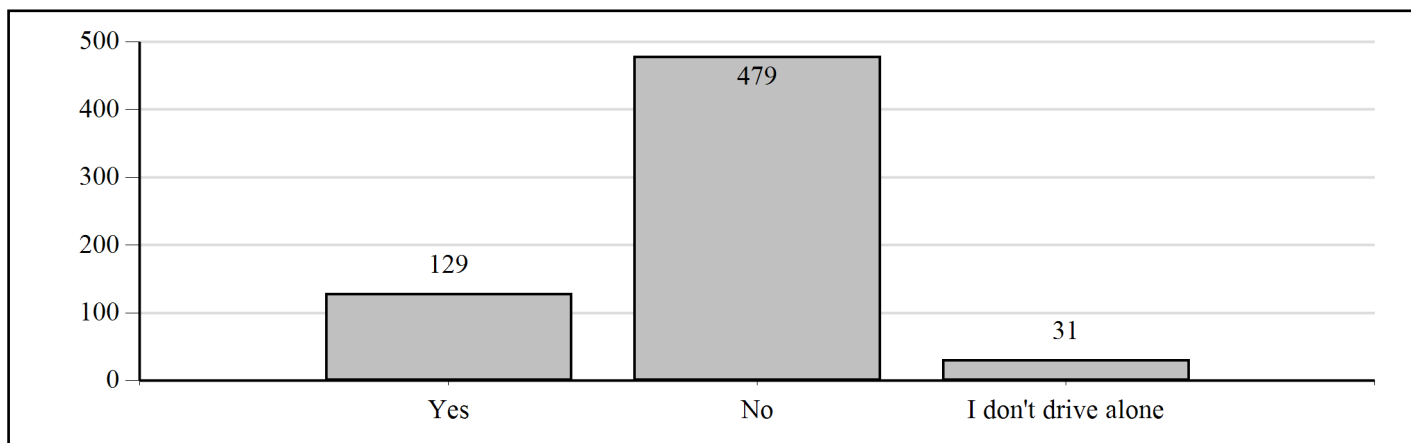
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	455	70.5%
4 days a week (4/10s)	71	11%
3 days a week	6	0.9%
9 days in 2 weeks (9/80)	101	15.7%
7 days in 2 weeks	0	0%
Other	12	1.9%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	9	1.4%
I don't telework	370	56.2%
Occasionally, on an as-needed basis	153	23.3%
1-2 days/month	33	5.0%
1 day/week	79	12.0%
2 days/week	9	1.4%
3 days/week	5	0.8%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Environmental and community benefits	269	18.8%
Financial incentives for carpooling, bicycling or walking.	216	15.1%
Personal health or well-being	208	14.5%
To save money	206	14.4%
I have the option of teleworking	158	11.0%
Other	102	7.1%
Free or subsidized bus, train, vanpool pass or fare benefit	83	5.8%
Emergency ride home is provided	47	3.3%
Cost of parking or lack of parking	42	2.9%
Preferred/reserved carpool/vanpool parking is provided	42	2.9%
Driving myself is not an option	41	2.9%
To save time using the HOV lane	12	0.8%
I receive a financial incentive for giving up my parking space	8	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	400	25.0%
I like the convenience of having my car	387	24.2%
Family care or similar obligations	317	19.8%
Other	245	15.3%
Bicycling or walking isn't safe	110	6.9%
My commute distance is too short	97	6.1%
My job requires me to use my car for work	27	1.7%
I need more information on alternative modes	14	0.9%
There isn't any secure or covered bicycle parking	3	0.2%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	7	2	0	0	1	0	0	2
2	2	0	5	1	0	2	1	0	1	3
3	0	0	1	0	0	0	1	0	0	2
4	0	0	4	0	0	0	0	0	0	1
5	1	0	5	0	0	0	0	0	0	1
6	1	0	3	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	3	0	0	0	0	0	0	1
11 or more	1	0	2	0	0	0	0	0	0	0
# Of Employees using Transit	6	0	30	3	0	2	3	0	1	10
Total One-Way Transit Trips Per Week	55	0	134	4	0	4	6	0	2	33

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	7	2	0	0	1	0	0	2
2	2	0	4	1	0	1	1	0	1	2
3	0	0	1	0	0	0	1	0	0	2
4	0	0	2	0	0	0	0	0	0	1
5	1	0	5	0	0	0	0	0	0	1
6	1	0	3	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	3	0	0	0	0	0	0	1
11 or more	1	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	6	0	26	3	0	1	3	0	1	9
Total One-Way Transit Trips Per Week	55	0	111	4	0	2	6	0	2	31

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	10	1.52%	19	5	0	0	0	0	0	0	1	0	0	0	0
00000	1	0.15%	0	0	0	0	0	0	0	0	0	0	5	0	0
33618	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
83501	1	0.15%	3	2	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.15%	0	0	0	0	1	0	0	0	0	0	0	0	0
98020	1	0.15%	0	0	0	0	0	0	0	0	4	0	0	0	0
98023	1	0.15%	0	4	0	0	0	0	0	0	1	0	0	0	0
98037	1	0.15%	1	0	0	0	0	0	0	0	1	0	0	0	3
98038	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.15%	0	0	0	0	0	0	0	0	0	0	0	0	7
98102	1	0.15%	3	0	0	0	0	0	0	0	2	0	0	0	0
98115	3	0.46%	3	5	4	0	0	0	0	0	2	0	0	0	0
98117	1	0.15%	0	1	0	0	0	0	0	0	1	0	0	0	3
98122	1	0.15%	3	0	0	0	0	0	0	0	1	1	0	0	0
98125	1	0.15%	0	0	3	0	0	0	0	0	1	1	0	0	0
98126	1	0.15%	3	0	0	0	0	0	0	0	1	1	0	0	0
98166	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98229	1	0.15%	2	2	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.15%	3	0	1	0	0	0	0	0	0	0	0	0	0
98321	2	0.30%	4	0	0	0	0	0	0	0	1	0	0	0	0
98327	4	0.61%	19	0	0	0	0	0	0	0	0	0	0	0	0
98328	2	0.30%	4	2	0	0	0	0	0	0	0	2	0	0	1
98329	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98332	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0



98335	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.15%	0	0	5	0	0	0	0	0	0	0	0	0	0
98360	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
98367	2	0.30%	9	0	0	0	0	0	0	0	0	0	0	0	0
98372	3	0.46%	14	0	0	0	0	0	0	0	1	0	0	0	0
98374	3	0.46%	10	2	2	0	0	0	0	0	0	1	0	0	0
98385	1	0.15%	2	3	0	0	0	0	0	0	0	0	0	0	0
98387	3	0.46%	13	0	0	0	0	0	0	0	0	0	0	0	0
98388	3	0.46%	14	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.15%	4	0	0	0	0	0	0	0	0	1	0	0	0
98402	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98403	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98404	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
98405	1	0.15%	0	0	4	0	0	0	0	0	1	0	0	0	0
98406	11	1.67%	29	6	12	0	0	0	0	0	2	2	0	0	0
98407	7	1.06%	18	7	1	0	0	0	0	0	5	0	0	0	0
98408	1	0.15%	4	0	0	0	0	0	0	0	0	1	0	0	0
98409	1	0.15%	1	0	3	0	0	0	0	0	0	0	0	0	0
98422	2	0.30%	1	0	8	0	0	0	0	0	1	0	0	0	0
98424	1	0.15%	0	5	0	0	0	0	0	0	0	0	0	0	0
98433	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
98444	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.15%	0	0	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	4	0.61%	14	0	4	0	0	0	0	0	1	1	0	0	0
98501	127	19.30%	362	80	0	9	16	0	72	3	24	15	1	0	1
98502	77	11.70%	276	33	11	2	8	0	16	0	11	9	0	0	1
98503	68	10.33%	218	25	0	0	10	0	28	10	8	7	0	0	7
98506	81	12.31%	242	34	0	7	5	0	28	3	14	13	0	0	10
98509	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98512	51	7.75%	184	26	0	1	2	0	3	0	15	5	0	0	5
98513	56	8.51%	204	30	0	0	0	0	6	0	5	5	0	0	7
98516	29	4.41%	108	25	0	1	0	0	1	0	11	3	0	0	0
98522	1	0.15%	2	0	0	0	0	0	0	0	0	0	0	0	3
98524	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98530	2	0.30%	1	8	0	0	0	0	0	0	0	0	0	0	0



98531	5	0.76%	18	0	5	0	0	0	0	0	0	1	0	0	1
98532	2	0.30%	8	0	0	0	0	0	0	0	0	1	0	0	0
98541	3	0.46%	12	0	0	0	0	0	0	0	0	0	0	0	0
98550	1	0.15%	3	0	0	0	0	0	0	0	1	0	0	0	0
98557	2	0.30%	6	4	0	0	0	0	0	0	0	0	0	0	0
98558	1	0.15%	6	0	0	0	0	0	0	0	0	0	0	0	0
98565	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98568	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	5	0.76%	21	1	0	0	0	0	0	0	0	0	0	0	0
98579	12	1.82%	33	16	0	4	0	0	0	0	1	3	0	0	1
98584	16	2.43%	36	26	0	0	0	0	0	0	2	7	0	0	0
98589	7	1.06%	17	6	0	0	0	0	0	0	0	1	0	0	0
98591	1	0.15%	4	0	0	0	0	0	0	0	0	1	0	0	0
98592	1	0.15%	3	0	0	0	0	0	0	0	0	0	0	0	0
98597	6	0.91%	24	2	0	0	0	0	0	0	2	0	0	0	0
98642	1	0.15%	0	4	0	0	0	0	0	0	0	0	0	0	0
98662	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98683	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0